

Amdt. dated April 7, 2010
Reply to Office action of May 21, 2009

Serial No. 10/814,431
Docket No. SJO920030085US1
Firm No. 0037.0061

1 1. (proposed amendment) A data management method, comprising:
2 using an operating system, operating a source volume of a source device wherein
3 the source volume includes storage, a plurality of user files stored in said storage and a
4 file system for locating said user files stored in said storage, said file system including an
5 address table identifying the location of each file on said storage device, said operating
6 including said operating system locating said user files in said storage using said file
7 system and said address table of said file system;
8 backing up contents of ~~a the source volume of the source device~~ at a first client
9 station as at least one object of a database stored in a data storage subsystem wherein the
10 at least one object represents an image of the contents of the source volume of the source
11 device and wherein the image of the contents of the source volume of the source device
12 ~~includes a plurality of files and a file directory of the source device;~~
13 using the database, tracking attributes and location of the at least one object in the
14 database;
15 using the at least one object, restoring the contents of the source device from the
16 at least one object ~~to in the form of~~ a target file in a file system stored on a storage
17 device instead of in the form of a volume being operated as a volume by an operating
18 system so that the target file contains internally within said target file, data representing
19 said contents of the source volume device including data representing said plurality of
20 files and said file system directory of the source volume device but said target file lacking
21 within the contents of the target file both user files and a file system wherein said file
22 system comprises a plurality of files and an address table identifying the location of each
23 file on said storage device;
24 using an operating system, using the target file as a file instead of a volume so
25 that the target file is not operated as a volume by an operating system; and
26 copying data representing the ~~restored~~ contents of the source volume device from
27 the target file to a target volume of a target device so that the target volume device
28 contains the restored contents of the source volume device including said plurality of files
29 of the source volume device and said file system directory of the source volume device;
30 and

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31 using an operating system, operating the target volume as a volume, including
32 using said operating system, locating said user files in said target volume using said file
33 system of said target volume so that the target volume is operated as a volume instead of
34 a file by an operating system.